

INDIAN INSTITUTE OF TECHNOLOGY PALAKKAD

PALAKKAD – 678 557

Advertisement No. IITPKD/R/F/01/2018 dated 16-02-2018

IIT Palakkad, one of the new IITs established under MHRD during the year 2015, started academic activities from August 2015. Three batches of undergraduate students are in its roles now. Currently, the Institute is functioning from the temporary campus located at Ahalia Integrated campus, Kozhipara, Palakkad. Considerable part of institutional activities are expected to begin in the permanent campus in the first half of 2018.

IIT Palakkad invites applications from individuals with an established record of independent, high quality research and commitment to teaching and research for faculty positions at the levels of (as per the 07th Central Pay Commission):

Professor	Level 14A (Rs.159100 - Rs.220200)
Associate Professor	Level 13A1 (Rs.131400 -Rs.204700)
Assistant Professor Gr.I	Level 12 (Rs.101500 -Rs.167400)

In all cases, allowances as applicable to Central Government employees located in Palakkad will be paid.

The positions are available in the Departments of

- Chemistry,
- Civil Engineering
- Computer Science and Engineering
- Electrical Engineering
- Humanities and Social Sciences
- Mathematics

- Mechanical Engineering
- Physics

All recruitments will be for permanent positions and those appointed will be on probation for one year. The selection committee may consider ON CONTRACT appointments in some cases.

AREAS OF SPECIALISATION

No	Discipline	Designation	Areas of specialization
1	Chemistry	Assistant Professor	Experimental Physical Organic Chemistry with specialization in Synthesis & Applications of macromolecules
2	Civil Engineering	Assistant Professor	All areas including Structural Engineering, Building Materials , Construction Management, Hydraulics and Water Resource Engineering , Geotechnical Engineering , Transportation Engineering, Environmental Engineering, other areas relevant to Civil engineering
		Associate Professor	All areas
		Professor	All areas
3	Computer Science and Engineering	Assistant Professor	All areas including Algorithms, Programming language theory, Logic, Formal methods and verification, Parallel and Distributed computing, Compiler design, Computer architecture, Embedded systems, Security and Cryptography, Software Engineering, Machine learning, Computer vision and other areas relevant to Computer Science and Engineering.
		Associate Professor	All areas

		Professor	All areas
4	Electrical Engineering	Assistant Professor	All areas including Control Systems, Robotics, Power Systems, Power Electronics, Electrical Machines and Motor Drives, Analog and Mixed Signal Design, Digital VLSI Design, Digital Communications, Wireless Communications and Wireless Networks, Information Theory, Speech, Audio and Multimedia Signal Processing, Statistical Signal Processing, Biomedical Circuits and Systems, Machine Learning RF & Microwave, Electronic Instrumentation and Process Control, Nanoelectronics and MEMS, Optoelectronics and Optical Communications and other areas relevant to Electrical Engineering.
		Associate Professor	All areas
		Professor	All areas
5	Humanities and Social Sciences	Assistant Professor	English, Foreign Languages, Linguistics, Philosophy, Economics
6	Mathematics	Assistant Professor	All areas including Algebra, Algebraic Geometry, Applied Mathematics, Combinatorics and Graph Theory, Complex Variables, Differential Equations, Differential Geometry, Dynamical Systems, Functional Analysis and Operator Theory, Harmonic Analysis, Mathematical Logic and Foundations, Number Theory, Numerical Analysis, Optimization and Control,

			Probability, Statistics, Stochastic Processes, Topology and other areas relevant to Mathematics
		Associate Professor	All areas
		Professor	All areas
7	Mechanical Engineering	Assistant Professor	All areas including Mechanical Design, Mechatronics, Robotics, Industrial Engineering, Turbomachines, Energy Systems and Engineering, Power Plant Engineering, Computational and Experimental Fluid Dynamics and other areas relevant to Mechanical Engineering
		Associate Professor	All areas
		Professor	All areas
8	Physics	Assistant Professor	Low temperature Physics, Astronomy&Astrophysics, Condensed matter theory, Soft Condensed matter, Non-linear Sciences, Non-equilibrium Statistical Mechanics

QUALIFICATION

Ph.D., with first class or equivalent at the preceding degree in the appropriate branch with consistently good academic record throughout.

EXPERIENCE : PROFESSOR

At least 10 years industrial / research / teaching experience of which at least 4 years should be at the level of Associate Professor in IITs, IISc Bangalore, IIMs, NITs and IISERs or at an equivalent level in any such other Indian or foreign institution / institutions of comparable standards

EXPERIENCE : ASSOCIATE PROFESSOR

At least 6 years industrial / research / teaching experience of which at least three years should be at the level of Assistant Professor / Senior Scientific Officer / Senior Design Engineer

EXPERIENCE : ASSISTANT PROFESSOR GR.I

At least 3 years industrial / research / teaching experience excluding, however, the experience gained while pursuing Ph.D.

ASSISTANT PROFESSOR GR.II

Candidates not eligible for direct recruitment as Assistant Professor Grade I, such as those with lesser experience may also be considered for the regular position of Assistant Professor Grade II

AGE LIMIT FOR DIFFERENT POSTS

For the post of Assistant Professor, the candidates should be below 40 years of age and preferably below 35 years.

For the post of Associate Professor, the candidates should be below 45 years of age and preferably below 40 years.

For the post of Professor , the candidates should be below 50 years of age and preferably below 45 years.

In all cases age will be reckoned as on the date of this advertisement

APPLICATION FORM AND INSTRUCTIONS

Applications are to be submitted online at [https:// facap.iitpkd.ac.in](https://facap.iitpkd.ac.in) fillable forms and instructions can be found at the same site.

The completed application materials should be uploaded on or before 28 March, 2018

Also send one signed hardcopy of the data sheet (only) to:

The Registrar

IIT PALAKKAD

AHALIA INTEGRATED CAMPUS

KOZHIPARA P.O
PALAKKAD – 678 557.
KERALA STATE

Telephone +91/04923 226 300

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INSTRUCTIONS FOR COMPLETING THE APPLICATION FORM

- A single application form is sufficient for applying to multiple posts and multiple disciplines– indicate the discipline in the form in the appropriate columns. Enclosures are to be uploaded along with the application form, as separate documents (pdf preferred). The data sheet to be sent is a summary sheet mainly for data collection for statutory and statistical purposes and all details should be in attached Academic Profile as detailed below.
- Enclose a detailed Academic Profile including the following information:
- Curriculum Vitae
- A Teaching Plan, indicating core courses of the discipline that you can teach. An expanded statement of the objectives and long term interests in coursework development may be included. For those with prior teaching experience, the statement should contain student feedback ratings, profiles of “3 best courses” taught by the candidate in the last five years (profile should contain course outline / teaching

plan, novel methods used, if any, including online content, term papers, group activity etc.). The statement should also include details of any teaching related awards and details of participation in teacher development programs as participant or as mentor.

- A Research and Industrial interaction/consultancy plan highlighting the current and past research interests and achievements as also future plans in the short and long terms. As part of the research plan statement, candidates are expected to submit copies of “3 best papers” authored in the last 10 years, highlighting a) why the work is important (context) and b) if joint work with non-students, what is the contribution. Also to be highlighted are achievements of research scholars guided, especially where one can take pride in the work done or the role played in guiding.
- Details of publications / conference papers presented, listing chronologically:

Names of authors, title of the paper, name of the journal/conference, volume/ proceedings, pages (from – to), year, etc. Group the above as Journal Publications and papers presented at National / International Conferences. For each paper, include citation count and Journal Impact factors as available.

- Awards, Patents, Prizes etc. indicating:
 - Nature, name of prize/award, awarded by, awarded for, year of award
 - Name of the patent, year and details about the patent, etc. as well as the candidate’s specific contribution viz a viz the co-inventors
- Research guidance (Ph.D./M.S./M.Tech., only those with formal guide status) listing:
 - Research degree, name of the scholar, title of thesis, year of award etc. If candidate is not the sole supervisor (Guide), all co-guides to be listed. Degrees in progress may be indicated separately.

- Role in and details of externally funded projects carried out, listing:
 - Title of the project, duration, sponsor, value, co-investigators, if any, role of the candidate and specific contributions, etc. Candidates should highlight specific contributions, if any, to industry, pointing out the challenges overcome, the value of the work to the industry etc.
- Other Activities like:
 - Text books and Monographs written with details,
 - Continuing education programs / conferences organized (as an organizer or co-organizer) etc.
- Any other relevant but brief information on academic standing.
- Candidates are requested to contact the referees to send letters of reference directly to the Director, IIT Palakkad either by post or by email: director_iitpkd@iitpkd.ac.in
- Candidates who responded to earlier Advertisement No. IITPKD/R/F/02/2017 dated 11th October 2017 and willing to be considered against the present advertisement may apply ONLINE but need not submit reference letters again.
- Candidates to upload reprints of three best papers published along with a short description of their technical contribution to each of these papers.

Support for professional advancement of faculty at IIT Palakkad- some details

- For candidates joining the Institute - Reimbursement of one-way economy class airfare for travel subject to the condition that they serve the Institute for a minimum period of 3 years.
- Relocation allowance of Rs.50,000/- or actual, whichever is less, towards transportation of personal effects is also provided for candidates joining the Institute.

- Availability of initiation/start-up grant of Rs. 5 lakhs to the new faculty member on joining, to be used for initial research set up, travelling to conferences etc. Possibility of higher start-up grant, based on a proposal for carrying out research project of 3 years duration on selection basis.
- A Cumulative Professional Development Allowance (CPDA) of Rs.3.0 lakhs for every block period of 3 years (Rupees one lakh per year) is made available to every member of the faculty on reimbursable basis to meet the expenses for participation in national and international conferences, payment of membership fee of professional bodies and contingent expenses.
- The Institute encourages interaction of the faculty with industry, other research and professional institutions. Consultancy is encouraged and liberal consultancy policies are in practice.
- Professional visits can be undertaken during vacation period for carrying out scientific research work.
- Flexible Sabbatical Leave facility.
- Research and Development activities are encouraged in all the Departments. As an Institute currently being set up faculty members joining the Institute will have the all important task of acquiring modern and contemporary equipment and services for their research work. Good facilities also exist for computing. The Institute has a well-stocked library which is being augmented continuously.

ADDITIONAL INFORMATION

- Permanent faculty positions are open to Indian Nationals, Persons of Indian Origin (PIO) and overseas citizens of India (OCI).

Appointment of foreign nationals for fixed period ON CONTRACT basis is permissible.

- Security clearance from Ministries of External and Home Affairs is necessary in every case for individuals with foreign passports.
- Reservation: Reservation as per Government of India rules, as applicable to IITs, is followed, without any relaxation on qualifications and experience. Necessary/current certificates regarding the eligibility for reservation should be submitted by the candidates.
- Candidates employed in Government and Semi-Government Organizations, Public Undertakings, University and Educational Institutions must apply through their present employers. If they anticipate unavoidable delay in their applications being forwarded through proper channel, they may submit advance copies of their applications directly to the

Director,

**IIT Palakkad,
Ahalia Integrated Campus,
Kozhipara P.O.
Palakkad 678 557
Kerala**

- The Institute reserves the right to fill or not fill any or all the posts advertised.
- The Institute reserves the right to restrict the number of candidates for interview to a reasonable limit on the basis of qualifications and experience higher than the minimum prescribed in the advertisement and other academic achievements. **Shortlisting of candidates called for interview will be done by the selection committee areawise/ disciplinewise.**

- The invitation to candidate for interview merely indicates that it is felt that he/she with others may be suitable for the post and conveys no assurance whatsoever that he/she will be recommended or selected or his/her conditions specified in the application will be accepted.
- No correspondence whatsoever will be entertained from candidates regarding reason for not being called for interview / outcome of interview.
- The Institute may consider candidates whose area of specialization lie outside those stated herein, provided these persons have an outstanding record.
- Outstation candidates called for personal interview will be paid economy airfare by Air India /train fare by 2nd AC class by the shortest route.
- The candidate is responsible for the correctness of the information provided in the application. If it is found at a later date that any information given in the application is incorrect / false the candidature / appointment is liable to be cancelled / terminated.
- Applicants should click on the “Submit the application” button to complete the submission. The applicant will receive an email confirming the submission of application.

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